

## COMBINED FISHING EFFORT AND CATCH PER EFFORT TELEPHONE QUESTIONNAIRE

June 8, 1994

### INFORMATION TO BE PRE-CODED BY TELEPHONE INTERVIEWER:

1. Interviewer Code
2. Date of interview (Month/Day/Year)
3. Document (Call Record) Number
4. State Code
5. Recall period [For each Monday to Wednesday dialing period, the recall period is the previous Monday through Sunday.].
6. Captain's first name
7. Captain's last name
8. Boat name LPS
9. Boat state registration number (include state abbreviation)
10. Coast Guard number (if any)
11. Bluefin Tuna permit number (if any)
12. Boat type [1 = Private, 2 = Charter, 3 = Party (or head)]
13. Number of telephone calls made to contact captain
14. Captain has been contacted before this season

### Screening Introduction

Hello, my name is                      May I please speak with [INSERT NAME OF CAPTAIN].  
IF RESPONDENT IS UNAVAILABLE, ARRANGE CALLBACK. IF RESPONDENT IS UNAVAILABLE AND  
CALLBACK IS NOT POSSIBLE, ASK: Are you able to provide accurate answers to some basic questions about  
[INSERT CAPTAIN OR OWNER'S NAME]'s number of fishing trips during the past week?  
IF YES, ENTER 1 IN PROXY FIELD, GO TO PRIVACY ACT STATEMENT. IF NO, TERMINATE.  
ONCE RESPONDENT HAS COME TO PHONE, CONTINUE:

Hello, my name is                      and I am calling long distance from QuanTech in Rosslyn, Virginia.  
We are interviewing marine fishermen for a study sponsored by the National Marine Fisheries Service of  
the U.S. Department of Commerce. I'd like to ask you a few questions about your fishing.

FIRST CONTACT OF SEASON ONLY: Are you the captain or owner of a boat that fishes offshore for large game  
fish, such as tunas, sharks, billfish, mahi mahi, amberjack or wahoo?

SUBSEQUENT CONTACTS: Are you [INSERT CAPTAIN OR OWNER'S NAME], the captain or owner of [INSERT  
NAME OF BOAT]?

IF YES, GO TO PRIVACY ACT STATEMENT. IF  
NO, ASK:

Did you formerly own [INSERT NAME OF BOAT]?  
IF NO, TERMINATE. IF YES, ASK: What is the name of the new owner?  
What is the phone number of the new owner?  
THEN TERMINATE.

**This study is being conducted in accordance with the Privacy Act of 1974. You are not required to answer any question that you consider to be an invasion of your privacy.**

FIRST CONTACT OF SEASON ONLY, THEN PRE-CODE:

INTERVIEWER: CONFIRM SPELLING OF CAPTAIN'S NAME AND BOAT NAME AND BLUEFIN TUNA PERMIT NUMBER, AND ASK THE RESPONDENT WHEN IS THE BEST TIME TO REACH THEM BY TELEPHONE.

IF PROXY FIELD IS BLANK, ASK: Did anyone other than you captain your boat on a trip offshore for large gamefish during the past week?

IF PROXY FIELD HAS BEEN ENTERED AS 1, ASK: Did anyone other than [INSERT CAPTAIN OR OWNER'S NAME] captain his/her boat on a trip offshore for large gamefish during the past week?

IF YES, CODE PROXY FIELD AS 2 IF CURRENTLY BLANK OR AS 3 IF CURRENTLY 1, THEN ASK:

What is/are the name(s) of the other captains?

What is/are the phone number(s) of the other captains?

Are you able to provide accurate answers to some basic questions about the total number of fishing trips for the boat by all captains during the past week?

IF YES, STATE: Please be sure to answer the following questions about the boat's activity, such as number of fishing trips, as the total activity by all captain's.

GO TO QUESTIONNAIRE.

IF NO, CODE PARTIAL INTERVIEW FIELD ONE AS 1 (INDICATING THE FIRST PARTIAL INTERVIEW FOR THIS BOAT), CODE THE PARTIAL INTERVIEW FIELD TWO AS THE TOTAL NUMBER OF CAPTAINS OPERATING THE BOAT DURING THE PAST WEEK, GO TO QUESTIONNAIRE AND UPON COMPLETION ATTEMPT CONTACT OF ALL OTHER CAPTAINS IN ORDER TO COMPLETE INTERVIEW. GO TO QUESTIONNAIRE.

# COMBINED FISHING EFFORT AND CATCH PER EFFORT TELEPHONE QUESTIONNAIRE

June 8, 1994

FIRST CONTACT OF SEASON ONLY, THEN PRE-CODE:

15. Is your boat strictly a private boat, is it sometimes used as a charter boat, or is it sometimes used as a party (head) boat?
- |  |   |   |
|--|---|---|
| Always private                                 | 1 |   |
| Sometimes charter                              | 2 |   |
| Sometimes party/head OR charter and party/head |   | 3 |
| Unknown/refused                                | 4 |   |

## TRIPS OUTSIDE THE STATE

16. Did your boat take one or more open ocean fishing trips for large game fish, such as tunas, billfish, sharks, mahi mahi, amberjack, or wahoo, from access sites outside of [INSERT NAME OF STATE FROM Q.4] during [INSERT DATES OF RECALL PERIOD]?

Yes	1
No	2 GO TO 0.22.
Don't know	3 GO TO Q.22.
Refused	4 GO TO Q.22.

17. From what state did most of those trips for large game fish depart, other than [INSERT NAME OF STATE FROM Q.4]?

SEE STATE CODE LIST.

18. How many of these [INSERT NAME OF STATE FROM Q.17] trips did your boat take on Monday through Sunday during [INSERT DATES OF RECALL PERIOD]?

RECORD NUMBER; 98=DON'T KNOW, 99=REFUSED

IF PROXY IS CODED 1 OR 3, GO TO Q.21.

**FOR EACH TRIP MENTIONED IN 0.18 (UP TO SEVEN TRIPS, STARTING WITH THE MOST RECENT), ASK Q.19 THROUGH Q.21.** Please think now in terms of your (most recent/next most recent/third most recent, etc.) fishing trip from [INSERT NAME OF STATE FROM Q.17] during [INSERT DATES OF RECALL PERIOD]?

19. What was the date of that trip?

RECORD MONTH AND DAY

20. At approximately what time did your boat return to the dock at the end of that trip?

RECORD TIME USING 24-HOUR CLOCK; 9998=DON'T KNOW, 9999=REFUSED



21. What species or species group were you primarily fishing for on that trip?

- |   |   |
|---|---|
| Marlin/Tuna (not bluefin)                           | 1 |
| Shark   | 2 |
| Small bluefin tuna (134 lb or less, 144 cm or less) | 3 |
| Small medium bluefin tuna (135-234 lb, 145-178 cm)  | 4 |
| Large medium bluefin tuna (235-309 lb, 178-195 cm)  | 5 |
| Giant bluefin tuna (310 lb or more, 196 cm or more) | 6 |
| Other large pelagic (Specify)                       | 7 |
| Don't know  | 8 |
| Refused   | 9 |

**TRIPS IN THE STATE**

22. Did your boat take one or more open ocean fishing trips for large game fish, such as tunas, billfish, sharks, mahi mahi, amberjack, or wahoo, from [INSERT NAME OF STATE FROM Q.4] during [INSERT DATES FOR RECALL PERIOD]?

- |            |              |
|------------|--------------|
| Yes        | 1            |
| No         | 2 GO TO END. |
| Don't know | 3 GO TO END. |
| Refused    | 4 GO TO END. |

23. How many of these trips did your boat take on Monday through Sunday during [INSERT DATES FOR RECALL PERIOD]?

RECORD NUMBER; 98=DON'T KNOW, 99=REFUSED.

IF PROXY FIELD IS CODED 1 OR 3, TERMINATE.

**FOR EACH TRIP MENTIONED IN Q.23 (UP TO SEVEN TRIPS, STARTING WITH THE MOST RECENT), ASK Q.24 THROUGH Q.90. IF Q.23=DON'T KNOW, GO TO END.**

Please think now of your (most recent/next most recent/third most recent/etc.) open ocean fishing trip for large game fish taken from [NAME OF STATE IN CIA].

24. How well do you remember that trip--very well, somewhat well, not too well, or not at all well?

- |                 |              |
|-----------------|--------------|
| Very well       | 1            |
| Somewhat well   | 2            |
| Not too well    | 3 GO TO END. |
| Not at all well | 4 GO TO END. |
| Don't know      | 5 GO TO END. |
| Refused         | 6 GO TO END. |

25. What was the date of that (most recent/next most recent/third most recent/etc.) trip?  
RECORD MONTH AND DAY

26. CONTACT MODE [AUTOMATICALLY RECORD 2 FOR PHONE]

IF Q.23 IS ONE TRIP, GO TO Q.28.

27. Did all of your trips during [INSERT DATES FOR RECALL PERIOD] depart from the same site?

- |            |   |                            |
|------------|---|----------------------------|
| Yes        | 1 | ASK Q.28-29 ONCE.          |
| No         | 2 | ASK Q.28-29 FOR EACH TRIP. |
| Don't know | 3 | ASK Q.28-29 FOR EACH TRIP. |
| Refused    | 4 | ASK Q.28-29 FOR EACH TRIP. |

28. Did you depart from a marina, private dock, public ramp, or another type of launch site (IF NECESSARY: on your (most recent/next most recent/third most recent/etc.) trip?

- |                 |   |
|-----------------|---|
| Marina          | 1 |
| Private dock    | 2 |
| Public ramp     | 3 |
| Other (specify) | 4 |
| Don't know      | 5 |
| Refused         | 6 |

29. What is the name of the marina or ramp from which you went fishing for large game fish from  
[INSERT NAME OF STATE FROM Q.4]?

RECORD SITE NUMBER AND NAME OF MARINA OR RAMP

30. At approximately what time did your boat return to the dock at the end of that trip?

RECORD TIME USING 24-HOUR CLOCK; 9998=DON'T KNOW, 9999=REFUSED

31. What species or species group were you fishing for primarily on that trip?

Marlin/Tuna (not bluefin)	1
Shark	2
Small bluefin tuna (134 lb or less, 144 cm or less)	3
Small medium bluefin tuna (135-234 lb, 145-178 cm)	4
Large medium bluefin tuna (235-309 lb, 178-195 cm)	5
Giant bluefin tuna (310 lb or more, 196 cm or more)	6
Other large pelagic (Specify)	7
Don't know	8
Refused	9

32. Were you participating in a tournament on that day?

Yes	1	
No	2	GO TO Q.34.
Refused	3	GO TO Q.34.

33. What was the name of the tournament?

34. What type of fishing gear was primarily used on that trip?

Rod and reel	1	
Handline	2	
Harpoon	3	GO TO Q.37.
Other (specify)	4	
Don't know	5	GO TO Q.55.
Refused	6	GO TO Q.55.

35. How many fishing lines were used? [97=NOT APPLICABLE/"OTHER" GEAR DID NOT INCLUDE LINES (PROGRAMMER NOTE Q.34 MUST=4 IF Q.35=97), 98=DON'T KNOW, 99=REFUSED]

36. [IF Q.34=1,2,OR 4, THEN ASK:] How many hours were spent fishing for large game fish in the open ocean using [INSERT PRIMARY GEAR/RESPONSE TO Q.34]; that is, how many hours were the lines in the water with or without fish on them? [ROUND TO NEAREST HOUR, 98=DON'T KNOW, 99=REFUSED]

37. [IF Q.34=3 (HARPOON), THEN ASK:] How many hours were spent fishing for large game fish in the open ocean using a harpoon? That is, how many hours were spent actively searching for fish? [ROUND TO NEAREST HOUR, 98=DON'T KNOW, 99=REFUSED]

For your [INSERT PRIMARY GEAR/RESPONSE TO Q.34], was bait used?

38. live  
39. dead  
40. artificial

Yes	
No	2
Don't know	3
Refused	4

For your [INSERT PRIMARY GEAR/RESPONSE TO Q.34], were fishing methods used?

41. trolling  
42. chumming or chunking  
43. other (specify)

Yes	1
No	2
Don't know	3
Refused	4

44. Was another type of fishing gear used on that trip, in addition to [PRIMARY GEAR/RESPONSE TO Q.34]?

Yes	1	
No	2	GO TO Q.55.

Don't know 3 GO TO Q.55.  
 Refused 4 GO TO Q.55.

45. What other type of fishing gear was used?  
 Rod and reel 1  
 Handline 2  
 Harpoon 3 GO TO Q.48.  
 Other (specify) 4  
 Don't know 5 GO TO Q.55.  
 Refused 6 GO TO Q.55.

46. How many fishing lines were used? [97=NOT APPLICABLE/"OTHER" GEAR DID NOT INCLUDE LINES (PROGRAMMER NOTE Q.45 MUST=4 IF Q.46=97), 98=DON'T KNOW, 99=REFUSED]

47. [IF Q.45=1,2,OR 4, THEN ASK:] How many hours were spent fishing for large 'game fish in the open ocean using [INSERT SECONDARY GEAR/RESPONSE TO Q.45]; that is-, how many hours were the lines in the water with or without fish on them? [ROUND TO NEAREST HOUR, 98=DON'T KNOW, 99=REFUSED]

48. [IF Q.45=3 (HARPOON), THEN ASK:] How many hours were spent fishing for large game fish in the open ocean using a harpoon? That is, how many hours were spent actively searching for fish? [ROUND TO NEAREST HOUR, 98=DON'T KNOW, 99=REFUSED]  
 For your [INSERT SECONDARY GEAR/RESPONSE TO Q.45] fishing, was bait used?  
 49. live  
 50. dead  
 51. artificial

Yes 1  
 No 2  
 Don't know 3  
 Refused 4

For your [INSERT SECONDARY GEAR/RESPONSE TO Q.45], were -fishing methods used?  
 52. trolling  
 53. chumming or chunking  
 54. other (specify)

Yes 1  
 No 2  
 Don't know 3  
 Refused 4

55. How many people on the boat were actively fishing for large game fish such as tunas, billfish, sharks, mahi mahi, amberjack, of wahoo? [98=DON'T KNOW, 99= REFUSED]  
 7

56. [IF STATE Q.4=ME, NH, MA, ASK:] Did you use a spotter plane to help you locate large pelagics?  
 Yes 1  
 No 2 GO TO Q.58.  
 Don't know 3 GO TO Q.58.  
 Refused 4 GO TO Q.58.

57. [IF STATE Q.4=ME, NH, MA, ASK:] How many hours was the spotter plane searching for fish for your boat? [ROUND TO NEAREST HOUR, 98=DON'T KNOW, 99=REFUSED.]

58. What was the name of the open ocean fishing grounds in which you were fishing? [SEE LIST OF FISHING GROUNDS. IF RESPONDENT PROVIDES NAME OF FISHING GROUNDS, GO TO Q.62.]

59. [IF RESPONSE TO Q.58 WAS DON'T KNOW OR REFUSED, ASK:] Do you know the latitude and longitude of the fishing grounds in which you were fishing?  
 Yes 1  
 No 2 GO TO Q.62.  
 Don't know 3 GO TO Q.62.  
 Refused 4 GO TO Q.62.,-

60. At what latitude were you fishing, to the nearest five minutes? [RECORD 2-DIGIT DEGREES AND 2-DIGIT MINUTES. MINUTES WILL END IN "0" OR "5." DON'T KNOW FOR BOTH DEGREES AND MINUTES=98, REFUSED=99.1]

61. At what longitude were you fishing, to the nearest five minutes? [RECORD 2-DIGIT DEGREES

AND 2-DIGIT MINUTES. MINUTES WILL END IN "0" OR "5." DON'T KNOW FOR BOTH DEGREES AND MINUTES=98, REFUSED=99.]

62. How many feet deep was the water (depth to bottom)? [DON'T KNOW=9998, REFUSED=9999]

**[IF RESPONDENT GIVES ANSWER IN FATHOMS, MULTIPLY BY SIX (6) TO GET FEET. IF RESPONDENT GIVES ANSWER IN METERS, MULTIPLY BY THREE (3) TO GET FEET.]**

63. What was the surface water temperature in degrees Fahrenheit? [98=UNKNOWN, 99=REFUSED]

The next several questions refer to fish you caught on your (most recent/next most recent/third most recent, etc.) fishing trip using [INSERT PRIMARY GEAR].

64. Did you or other anglers in your boat catch any tuna or billfishes on that trip using [INSERT PRIMARY GEAR/RESPONSE TO Q.34]?

IF RESPONSE TO Q.34=DON'T KNOW OR REFUSED, ASK: Did you or other anglers in your boat catch any tuna or billfishes on that trip?

Yes	1	
No	2	GO TO Q.69.
Don't know	3	GO TO Q.69.
Refused	4	GO TO Q.69.

65. What species did you catch with [INSERT PRIMARY GEAR]? [SEE SPECIES LIST.]

IF RESPONSE TO Q.34=DON'T KNOW OR REFUSED, ASK: What species did you catch?



[FOR EACH SPECIES CAUGHT (UP TO FOUR), ASK:]

- 66. How many of those did you keep?
- 67. How many of those did you release alive?
- 68. How many of those did you release dead?

69. Did you or other anglers in your boat catch any sharks on that trip using [INSERT PRIMARY GEAR]?

IF RESPONSE TO Q.34=DON'T KNOW OR REFUSED, ASK: Did you or other anglers in your boat catch any sharks on that trip?

- Yes 1
- No 2 GO TO Q.74.
- Don't know 3 GO TO Q.74.
- Refused 4 GO TO Q.74.

70. What species did you catch with [INSERT PRIMARY GEAR]? [SEE SPECIES LIST.]

IF RESPONSE TO Q.34=DON'T KNOW OR REFUSED, ASK: What species did you catch?

[FOR EACH SPECIES CAUGHT (UP TO FOUR), ASK:]

- 71. How many of those did you keep?
- 72. How many of those did you release alive?
- 73. How many of those did you release dead?

74. Did you or other anglers in your boat catch any other large game fishes on that trip with [INSERT PRIMARY GEAR]?

IF RESPONSE TO Q.34=DON'T KNOW OR REFUSED, ASK: Did you or other anglers in your boat catch any other large game fishes on that trip?

- Yes 1
- No 2 GO TO Q.79.
- Don't know 3 GO TO Q.79.
- Refused 4 GO TO Q.79.

75. What other species did you catch with [INSERT PRIMARY GEAR]? [SEE SPECIES LIST]

FOR EACH SPECIES CAUGHT (UP TO THREE), ASK:

- 76. How many of those did you keep?
- 77. How many of those did you release alive?
- 78. How many of those did you release dead?

[IF Q.45 WAS SKIPPED, GO TO END.]

The next several questions refer to fish you caught on your (most recent/next most recent/third most recent, etc.) fishing trip using [INSERT SECONDARY GEAR/RESPONSE TO Q.45].

79. Did you or other anglers in your boat catch any tuna or billfishes on that trip using [INSERT SECONDARY GEAR/RESPONSE TO Q.45.]?

IF RESPONSE TO Q.45=DON'T KNOW OR REFUSED, ASK: Did you or other anglers in your boat catch any tuna or billfishes on that trip other than those caught with [INSERT PRIMARY GEAR/RESPONSE TO Q.34]?

- Yes 1
- No 2 GO TO Q.84.
- Don't know 3 GO TO Q.84.
- Refused 4 GO TO Q.84.

80. What species did you catch with [INSERT SECONDARY GEAR]? [SEE SPECIES LIST.]

IF RESPONSE TO Q.45=DON'T KNOW OR REFUSED, ASK: What species did you catch other than those caught with [PRIMARY GEAR/RESPONSE TO Q.34]?

[FOR EACH SPECIES CAUGHT (UP TO FOUR), ASK:]

- 81. How many of those did you keep?
- 82. How many of those did you release alive?
- 83. How many of those did you release dead?

84. Did you or other anglers in your boat catch any sharks on that trip USING [INSERT SECONDARY GEAR]?

IF RESPONSE TO Q.45=DON'T KNOW OR REFUSED, ASK: Did you or other anglers in your

boat catch any sharks on that trip other than those caught with [INSERT PRIMARY GEAR/RESPONSE TO Q.34]?

Yes	1
No	2 GO TO Q.89.
Don't know	3 GO TO Q.89.
Refused	4 GO TO Q.89.

85. What other species did you catch with [INSERT SECONDARY GEAR]? [SEE SPECIES LIST.]  
IF RESPONSE TO Q.45=DON'T KNOW OR REFUSED, ASK: What other species did you catch  
other than those caught with [PRIMARY GEAR/RESPONSE TO Q.34]?

[FOR EACH SPECIES CAUGHT (UP TO FOUR), ASK:]

86. How many of those did you keep?  
87. How many of those did you release alive?  
88. How many of those did you release dead?

89. Did you or other anglers in your boat catch any other large game fishes on that trip with [INSERT SECONDARY GEAR]?  
IF RESPONSE TO Q.45=DON'T KNOW OR REFUSED, ASK: Did you or other anglers in your  
boat catch any other large game fishes on that trip other than those caught with [INSERT  
PRIMARY GEAR/RESPONSE TO Q.34]?

Yes	1	
No		2 GO TO END.
Don't know	3 GO TO END.	
Refused	4 GO TO END.	

90. What other species did you catch with [INSERT SECONDARY GEAR]? [SEE SPECIES LIST] IF  
RESPONSE TO Q.45=DON'T KNOW OR REFUSED, ASK: What other species did you catch  
other than those caught with [PRIMARY GEAR/RESPONSE TO Q.34]?

FOR EACH SPECIES CAUGHT (UP TO THREE), ASK:

91. How many of those did you keep?  
92. How many of those did you release alive?  
93. How many of those did you release dead?

**That concludes the interview. Thank you very much for your time and cooperation.**